| EODM I | TO 120 | O (VI-JIS-4) LI S DEBARTMENT OF COM | IMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER | | | | | | | | |
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| (REV. 1 | | • | 254659US0XPCT | | | | | | | | | |
| | 11 | RANSMITTAL LETTER | | | | | | | | | | |
| | | DESIGNATED/ELECTE | U.S. APPLICATION NO. (16 KNOWN, SEE 37 CFR | | | | | | | | | |
| | | CONCERNING A FILIN | G UNDER 35 U.S.C. 371 | 201902129 | | | | | | | | |
| INTE | | IONAL APPLICATION NO. PCT/EP03/00257 | INTERNATIONAL FILING DATE 14 January 2003 | PRIORITY DATE CLAIMED 26 February 2002 | | | | | | | | |
| TITLE | | NVENTION | , | | | | | | | | | |
| | | | A POLYMERIC OR NATURAL FIB | ER SUBSTRATE AND PRODUCTION | | | | | | | | |
| AND | USE | E THEREOF | | | | | | | | | | |
| | | r(s) for do/eo/us | 2 | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| HEN | NIG | E Volker et al. | | | | | | | | | | |
| | | | | | | | | | | | | |
| Appli | cant h | erewith submits to the United Stat | tes Designated/Elected Office (DO/EO/US) th | e following items and other information: | | | | | | | | |
| ,1. | \boxtimes | This is a FIRST submission of it | ems concerning a filing under 35 U.S.C. 371. | | | | | | | | | |
| 2. | | This is a SECOND or SUBSEQ | UENT submission of items concerning a filin | g under 35 U.S.C. 371. | | | | | | | | |
| 3. | \boxtimes | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. | | | | | | | | | | |
| 4. | \boxtimes | The US has been elected by the expiration of 19 months from the priority date (Article 31). | | | | | | | | | | |
| 5. | \boxtimes | A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) | | | | | | | | | | |
| | | a. is attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | | |
| | | b. \(\text{ has been communicated by the International Bureau.} \) | | | | | | | | | | |
| | | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | | | | |
| 6. | \boxtimes | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | | | | |
| | | a. ⊠ is attached hereto. | | | | | | | | | | |
| | | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 7. | \boxtimes | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | | | | | | | | | | |
| | | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | | |
| | | b. have been communicated by the International Bureau. | | | | | | | | | | |
| | | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | | | |
| | | d. \(\text{ have not been made and will not be made.} \) | | | | | | | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | | | |
| 9. | \boxtimes | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | | | | | | | | | |
| 10. | × | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | | | | | | | | | |
| 11. | | A copy of the International Preliminary Examination Report (PCT/IPEA/409). | | | | | | | | | | |
| 12. | \boxtimes | A copy of the International Search Report (PCT/ISA/210). | | | | | | | | | | |
| Īŧ | ems 1 | 3 to 20 below concern document | | | | | | | | | | |
| 13. | Ø | | ement under 37 CFR 1.97 and 1.98. | | | | | | | | | |
| 14. | | | | with 37 CFR 3.28 and 3.31 is included. | | | | | | | | |
| 15. | ⊠ | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminary amendment. | | | | | | | | | | |
| 16. | | A SECOND or SUBSEQUENT preliminary amendment. | | | | | | | | | | |
| 17. | | A substitute specification. | | | | | | | | | | |
| 18. | | A change of power of attorney and/or address letter. | | | | | | | | | | |
| 19. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. | | | | | | | | | | |
| 20. | | A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 21. | | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 22. | | Express Mail Label No. | | | | | | | | | | |
| 23. | Ø | Other items or information: | | | | | | | | | | |
| | | PCT/IB/304/Notice of Priority/ | PCT/IB/308 | | | | | | | | | |
| | | Application Data Sheet/PTO-14 | 449 | | | | | | | | | |
| | | Amended Sheets (pages 26, 27, Cited References (3) | 28, 29 and 30) | | | | | | | | | |

DT04 Rec'd PCT/PTO 1 9 JUL 2004

| U.S. A | PPLICAȚIO | 10^{6} | FR ₃ | PCT/EP03/0025 | 254659US0XPCT | | | | | | |
|-----------------|---------------------------|--|----------------------|---|------------------|-------------------------|--------------------------|---------------------------------------|--|--|--|
| 24. | The | following fees are submitted: | | · · · · · · · · · · · · · · · · · · · | | | CALCULATION | S PTO USE ONLY | | | |
| | Neither in | IAL FEE (37 CFR 1.492 (a ternational preliminary exam nal search fee (37 CFR 1.445 ational Search Report not pr | nination (a)(2)) | fee (37 CFR 1.482) nor | •• | \$1080.00 | | | | | |
| Ø | Internation USPTO b | nal preliminary examination ut International Search Repo | | | | | | | | | |
| | Internation | nal preliminary examination ational search fee (37 CFR 1 | | | | | | | | | |
| | Internation but all cla | nal preliminary examination ims did not satisfy provision | | | | | | | | | |
| | Internation and all cla | ims satisfied provisions of P | CT Art | , , , , | | \$100.00 | | | | | |
| | | ENTER APPRO |)PRI | ATE BASIC FEE AMO | | NT = | \$920.00 | | | | |
| Surcha month | rge of \$13 s from the | 0.00 for furnishing the oath carliest claimed priority date | or decla e (37 CI | ration later than 20 FR 1.492 (e)). | 0 | □ 30 | \$0.00 | | | | |
| CL. | AIMS | NUMBER FILEI | | NUMBER EXTRA | | RATE | | | | | |
| Total o | laims | 31 - 20 | | 11 | х | \$18.00 | \$198.00 | | | | |
| | ndent clair | | | 0 | х | \$86.00 | \$0.00 | | | | |
| Multip | le Depende | ent Claims (check if applical | | A DOME CALCIULAT | <u> </u> | NC - | \$0.00 | | | | |
| | licont al | | | ABOVE CALCULAT | | | \$1,118.00 | | | | |
| ☐ A | educed by | 1/2. | 37 CF1 | R 1.27. The fees indicated above | | | \$0.00 | | | | |
| | | | | SUB | ГО | TAL = | \$1,118.00 | · · · · · · · · · · · · · · · · · · · | | | |
| Proces month | sing fee of s from the | \$130.00 for furnishing the Example 2 carriest claimed priority dates | inglish (37 CI | translation later than 20 FR 1.492 (f)). | 0 | □ 30 + | \$0.00 | | | | |
| | _ | | | TOTAL NATIONAL | LF | EE = | \$1,118.00 | | | | |
| Fee for | recording | the enclosed assignment (37 in appropriate cover sheet (3 | CFR 1 7 CFR | .21(h)). The assignment must b 3.28, 3.31) (check if applicable | ре е). | | \$0.00 | | | | |
| | | | | TOTAL FEES ENCL | os | ED = | \$1,118.00 | | | | |
| | | | | · · · · · · | | | Amount to be: refunded | \$ | | | |
| | | | | | | | charged | \$ | | | |
| a. | □ A | check in the amount of | | to cover the above fee | s is e | enclosed. | | | | | |
| b. | | | | o in the am | | | to cover the above fees. | | | | |
| c. | | | | | | | | | | | |
| d. | | _ | | l. WARNING: Information on to this form. Provide credit can | | - | - | | | | |
| NOTE 1.137(| : Where a a) or (b)) i | an appropriate time limit un nust be filed and granted to | nder 37 o restor | 7 CFR 1.494 or 1.495 has not been the application to pending st | een tatus | met, a petitio | on to revive (37 CFF | | | | |
| SEND | ALL COR | RESPONDENCE TO: | | | | | 1 6 | | | | |
| CUS | TOMER I | NUMBER 22850 | | Surinder Sachar | _ | Aum | h salves | | | | |
| | | | | Registration Np. 34,4 | 23 | IGNATURE Torman F. O | blon | | | | |
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| | | | | | _ | JULY | 19 2004 | | | | |
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Docket No.

254659US0XPCT

IN RE APPLICATION OF: Volker HENMIGE et al.

10/501713 PCT/PTO 19 JUL 2004

SERIAL NO: New U.S. PCT Application Based on PCT/EP03/00257

FILED:

HEREWITH

FOR:

CERAMIC MEMBRANE BASED ON AN POLYMERIC OR NATURAL FIBER SUBSTRATE AND

PRODUCTION AND USE THEREOF

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required

☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.

Additional documents filed herewith:

PCT Transmittal Letter/PCT/IB/304/English Translation of Specification/PCT/IB/308 Application Data Sheet/Notice of Priority/Declaration/International Search Report

Translation of Annexes to International Preliminary Examination Report Amended Sheets (pages 26, 27, 28, 29 and 30)/Information Disclosure Statement

PTO-1449/Cited References (3)/Credit Card Payment Form for \$1,118.00

The Fee has been calculated as shown below:

| CLAIMS | CLAIMS REMAINING | | HIGHEST NUMBER PREVIOUSLY PAID | NO. EXTRA CLAIMS | | RATE | | CALCULATIONS |
|--|---------------------|----------------------------------|---|------------------------|---|------|--------|--------------|
| TOTAL | 31 | MINUS | 31 | 0 | х | \$18 | = | \$0.00 |
| INDEPENDENT | 1 | MINUS | 1 | . 0 | х | \$86 | = | \$0.00 |
| | | ☐ MULTIPLE DEPENDENT CLAIMS + \$ | | | | | | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS Reduction by 50% for filing by Small Entity | | | | | | NS | \$0.00 | |
| | | | | | | | \$0.00 | |
| ☐ Recordation of Assignment + \$40 = | | | | | | = | \$0.00 | |
| | | TOTAL | | | | | | \$0.00 |

| L | A | C. | heck | in | the | amount | of | : <u>\$0.00</u> | is | attached | |
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- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Norman F. Oblon

Registration No. 34,423

Customer Number

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